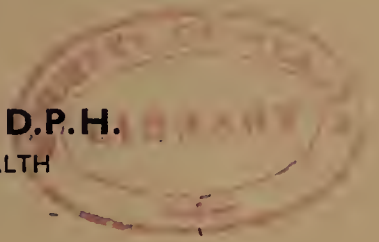


ANNUAL REPORT

on the Sanitary Condition
of the
Thorne Rural District
1945

By

J. M. TAYLOR, M.D., D.P.H.
MEDICAL OFFICER OF HEALTH



THORNE

W. Wrigley and Son, Printers, Market Place

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*To the Chairman and Members of the
Thorne Rural District Council*

Ladies and Gentlemen,

As advised by the Ministry of Health in its circular 28/46, dated February 11th 1946, the annual report on the health of the district is again presented in condensed form. The statistical tables are in the forms required by the Ministry.

The population given by the Registrar-General for calculating the birth and death rates is 29,310, a decrease of 210 from the number for 1944.

The Birth Rate for 1945 is 22.99 per 1,000 population, a decrease of 2 from the rate for 1944. The Birth Rate for England for 1945 is 16.1. There were 64 fewer births than in 1944.

The Death Rate for 1945 is 7.98 per 1,000 population. In 1944 it was 8.46. The rate for England for 1945 is 11.4.

The Infantile Mortality Rate is slightly higher at 56.37 deaths per 1,000 live births. The rate for England is 46.

There were few notifications of Diphtheria and Scarlatina, the case-rates for these diseases being well below the rates for England. The number of notifications of Measles was high, but that is only to be expected in a district with a relatively high child population. The case-rate was 13.7 per 1,000 population compared with 11.67 for England.

Yours obediently,

J. M. TAYLOR,

Medical Officer of Health

July 22nd 1946

ANNUAL REPORT on the SANITARY CONDITION of the THORNE RURAL DISTRICT for 1945

General Statistics relating to the Rural District

The Rural District comprises five civil parishes, and has an area of 38,419 acres.

The Registrar-General's estimate of the resident population for the year 1945 is 29,310.

The total number of inhabited houses in the district at the end of 1945, according to the rate books, was 7,162.

The Rateable Value of the district is £117,887.

The sum represented by a penny rate is £468/3/10

Vital Statistics

Births

The estimate of population supplied by the Registrar-General for calculating the birth rate is 29,310.

The total number of births during 1945 was 674.

Of these 346 were males and 328 were females.

Legitimate births numbered 612.

Of these legitimate births 309 were males and 303 females.

Illegitimate births numbered 62, 37 being males and 25 females.

The birth rate per 1,000 of the estimated population is 22.99.

The birth rate per 1,000 of the population for England is 16.1.

The total number of stillbirths was 20.

Of these 11 were males and 9 females; 19 were legitimate.

The stillbirth rate for the district per 1,000 total (live and still) births is 28.8

The stillbirth rate for the district per 1,000 population is 0.68.

Deaths

The total number of Deaths during 1945 was 234.

Of these 120 were males and 114 females.

The actual or crude death rate for the district is 7.98 per 1,000 population.

No comparability factor is issued by the Registrar-General this year.

The death rate for England is 11.4.

Non-civilian deaths are excluded from these figures

Deaths of Infants under 1 Year

The total number was 38.

Of these 20 were males and 18 females.

17 males and 16 females were legitimate.

3 males and 2 females were illegitimate.

The death rate of infants under one year per 1,000 live births is 56.37.

The death rate for England is 46.

The death rate of legitimate infants per 1,000 legitimate live births is 53.9.

The death rate of illegitimate infants per 1,000 illegitimate live births is 80.6.

The following table gives the Infantile Death Rate for the last five years :—

1940	.....	74.8	per 1,000 live births
1941	.....	79.2	“ “
1942	.....	68.3	“ “
1943	.....	61.8	“ “
1944	.....	52.84	“ “

Deaths from Cancer (all ages) 23

Deaths from Measles (all ages) 1

Deaths from Whooping Cough (all ages) 0

Deaths from Diarrhoea (under 2 years) 5

DEATHS FROM PUERPERAL CAUSES:

From Sepsis, none.

Other causes, two.

Causes of Death in the Thorne Rural District; as supplied by the Registrar-General for 1945

Causes of Death	M	F
All causes	120	114
Typhoid and Para-Typhoid Fevers	0	1
Tuberculosis of Respiratory System	4	7
Other forms of Tuberculosis	1	2
Syphilitic Diseases	0	2
Influenza	0	4
Measles	1	0
Cancer of Buccal Cavity, Oesophagus and Uterus	2	4
Cancer of Stomach and Duodenum	2	1
Cancer of Breast	0	0
Cancer of all other sites	7	7
Diabetes	2	0
Intra-cranial vascular lesions	6	10
Heart Disease	36	22
Other Diseases of circulatory system	3	2
Bronchitis	16	7
Pneumonia	11	9
Other respiratory diseases	1	2
Ulcer of Stomach or Duodenum	0	0
Diarrhoea (under 2 years)	2	3
Appendicitis	0	0
Other Digestive Diseases	2	1
Nephritis	2	4
Puerperal and Post-abortion Sepsis	0	0
Other maternal causes	0	2
Premature Birth	4	2
Congenital Malformations, Birth Injuries, Infantile Diseases	3	4
Suicide	1	1
Other violent causes	7	4
All other causes	7	13

The Para-Typhoid death was of a female in Storthes Hall Hospital, Thurstonland.

Cancer deaths were fewer than usual, being 1 out of 10 deaths. The usual proportion is nearer 1 in 7. On the other hand, diseases of the heart caused many more deaths than in 1944.

Notifiable Diseases during the Year (other than Tuberculosis)

Disease	Total Cases notified	Cases admitted to Hospital
Scarlet Fever	14	0
Diphtheria	2	1
Pneumonia	7	0
Erysipelas	4	0
Ophthalmia Neonatorum	3	0
Enteric Fever	0	0
Cerebro-spinal Fever	0	0
Dysentery	1	0

The following table gives a summary of the Infectious Diseases (other than Tuberculosis and Ophthalmia Neonatorum) notified during the year, and arranged in age periods:

	Scarlet Fever	Diphtheria	Pneumonia	Erysipelas	Dysentery	Enteric Fever
Age Periods						
0	—	—	1	—	—	—
1	—	1	1	—	—	—
2	—	—	—	—	1	—
3	—	—	—	—	—	—
4	—	—	—	—	—	—
5	6	1	—	—	—	—
10	2	—	1	—	—	—
15	6	—	—	—	—	—
25	—	—	2	2	—	—
35	—	—	1	—	—	—
45	—	—	1	2	—	—
65	—	—	—	—	—	—
And upwards	14	2	7	4	1	0

Diphtheria

The Diphtheria case rate for the district works out at 0.068 per 1,000 population, whereas the rate for England is 0.46.

The Scarlet Fever case rate for the district is 0.476 per 1,000 population. The rate for England is 1.89.

Measles and Whooping Cough

Under provisional regulations which came into force on October 23rd, 1939, Measles and Whooping Cough became notifiable diseases. There were 404 notifications of measles, and 26 of Whooping Cough.

Public Health (Smallpox Prevention) Regulations 1917

No vaccinations under these regulations were performed by the Medical Officer of Health during the year.

Tuberculosis

The following table gives a summary of the cases notified during the year, arranged in age periods. The deaths are given in so far as details have been received.

Age Periods	New Cases				Deaths			
	Pulmonary		Non-Pulmonary		Pulmonary		Non-Pulmonary	
	M	F	M	F	M	F	M	F
	0	0	0	0	0	0	0	0
1	1	0	1	0	0	0	0	0
5	0	0	2	2	0	0	0	0
15	4	6	0	2	0	1	0	0
25	1	1	0	1	0	1	0	0
35	2	1	0	1	0	0	0	0
45	3	1	0	0	0	0	0	0
55	0	1	0	0	0	0	0	0
And upwards 65	1	0	0	0	0	0	0	0
	11	10	3	6	0	2	0	0

Ophthalmia Neonatorum

Three cases were notified, and recovery was complete in all.

School Closures

There were no school closures during the year.

Water Supply

Several bacteriological examinations of the water supplied by the Thorne and District Water Company were made during the year.

The report dated March 6th, 1945 by the County Analyst was "Presumptive *Bacillus Coli*: None in 100 ml. of water. The examination shows that this water is satisfactory according to the standard recommended by the Ministry of Health."

The other reports were in similar terms.

The water is derived from a bore-hole into the New Red Sandstone of the Triassic system. It has been adequate in quantity, and satisfactory in quality throughout the year.

A chemical analysis by the County Analyst dated June 18th, 1945, gave results as follows:—

Appearance	.....	.....	.....	Clear
Total Solids	.....	.....	.....	21 parts per 100,000
Chlorine	.....	.....	.....	1.2 " "
Nitrites	.....	.....	.....	None
Nitrates	.....	.....	.....	0.5 parts per 100,000
Free Ammonia	.....	.....	.....	.001 " "
Albuminoid Ammonia	.....	.....	.....	.002 " "
Metals	.....	.....	.....	None
Total Hardness	.....	.....	.....	13.2 degrees
p.H.	.....	.....	.....	8

This water is of good organic purity and of moderate hardness.

Approximately 6,600 houses have direct water supply from the Company. There are about 20 stand-pipes in the district.

Sewerage

No extension to the Council's sewers was made during 1945.

Camping Sites

One licence is in operation under Section 269 of the Public Health Act, 1936.

Smoke Abatement

Six observations of thirty minutes were made but no unsatisfactory conditions were found.

Eradication of Bed Bugs

Ten houses were found to be infested with Bed Bugs. All were treated effectively with insecticides.

Sanitary Inspectors' Report

Mr. B. Woodley and Mr. Wm Bell report as follows:

Dairies and Cowsheds, etc.

173 Wholesale Traders on the Register.

57 Retail Traders on the Register.

All Cowsheds are inspected twice a year under Articles 1 and 25 Milk and Dairies Order 1926.

Shops Act 1934

15 Shops inspected.

Common Lodging Houses

3 on Register.

All kept in satisfactory condition.

Canal Boats

188 on Register.
17 Inspected.
180 Boats in use.

Factories Act 1937

73 Factories in district. All inspected.

House Scavenging

This is done by contract in the parishes of Thorne, Stainforth and Hatfield.
It has been done satisfactorily, in spite of labour and transport difficulties.

Closet Accommodation in the District

No. of Box Closets, 455.
No. of Privies with Covered Middens, 976.
No. of Water Closets, 5,275.
There were 3 conversions during the year.

Bakehouses

9 Bakehouses on the Register.
All inspected during the year.

Slaughter Houses

There are no licensed slaughter houses at present.

Nuisances

Total number of Inspections during 1945, 112.
Total number of Nuisances during 1945, 75.
Total number of Nuisances abated during 1945, 62.

Meat Inspection

The slaughtering of animals was prohibited as from 15th January 1940, and only emergency slaughtered animals have been inspected after that date.

Swimming Baths and Pools

There is one privately owned open-air swimming pool in Hatfield parish

HOUSING

Number of New Houses erected during 1945

1	State Aided	.....	.....	.....	.....	.....	4
	(a) by the Local Authority	.....	.....	.....	.....	.....	4
	(b) by Private Enterprise	.....	.....	.....	.....	.....	none
	Public Utility Societies, etc.						
2	Without State Aid	.....	.....	.....	.....	.....	5

1. *Inspection of Dwelling-houses during the year :*

1	(a) Total number of dwelling-houses inspected for housing defects under Public Health or Housing Acts	51
	(b) Number of inspections made for the purpose	54
2	(a) Number of dwelling-houses (included under sub-head (1) above) which were inspected and recorded under the Housing Consolidated Regulations, 1925	nil
	(b) Number of inspections made for the purpose	nil
3	Number of dwelling-houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation	
	Houses	nil
	Caravans	nil
4	Number of dwelling-houses exclusive of those referred to under the preceding sub-head found not to be in all respects reasonably fit for human habitation	nil

2. *Remedy of defects during the Year without Service of formal Notices :*

Number of defective dwelling-houses rendered fit in consequence of informal action by the Local Authority or their Officers	21
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3. *Action under Statutory Powers during the Year :*

(a)—Proceedings under sections 9, 10 and 16 of the Housing Act, 1936:

1	Number of dwelling-houses in respect of which notices were served requiring repairs	15
2	Number of dwelling-houses which were rendered fit after service of formal notices:—	
	(a) By owners	12
	(b) By Local Authority in default of owners	nil

(b)—Proceedings under Public Health Acts:

1	Number of dwelling-houses in respect of which notices were served requiring defects to be remedied	14
2	Number of dwelling-houses in which defects were remedied after service of formal notices:—	
	(a) By owners	11
	(b) By Local Authority in default of owners	nil

(c)—Proceedings under sections 11 and 13 of the Housing Act 1936:

1	Number of dwelling-houses in respect of which Demolition Orders were made	nil
2	Number of dwelling houses demolished in pursuance of Demolition Orders	nil

(d)—Proceedings under section 12 of the Housing Act, 1936:

1	Number of separate tenements or underground rooms in respect of which Closing Orders were made	nil
2	Number of separate tenements or underground rooms in respect of which Closing Orders were determined, the tenement or room having been rendered fit	nil

4. *Housing Act, 1936—Part IV—Overcrowding:*

(a)—1	Number of dwellings overcrowded at the end of the year	20
2	Number of families dwelling therein	31
3	Number of persons dwelling therein	94
(b)	Number of new cases of overcrowding reported during the year	10
(c)—1	Number of cases of overcrowding relieved during the year	nil
2	Number of persons concerned in such cases	nil
(d)	Particulars of any cases in which dwelling-houses have again become overcrowded after the Local Authority have taken steps for the abatement of overcrowding	nil

